JAN 2 5 2005

PART B - FEE(S) TRANSMITTAL

Mail Stop ISSUE FEE Commissioner for Patents

Nete and send this form, together with applicable fee(s), to: Mail P.O. Box 1450 Alexandria, Virginia 22313-1450 INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. (703) 746-4000 Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: List Block | for any change of address) 7590 " 01/18/2005 Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United
States Postal Service with sufficient postage for first class small in an envelope
addressed to the Mail Stop ISSUE FEE address above, or being facsimile
transmitted to the USPTO (703) 746-4000, on the date indicated below. UNIVERSITY OF CALIFORNIA LOS ALAMOS NATIONAL LABORATORY P.O. BOX 1663, MS A187 LOS ALAMOS, NM 87545 Ray G. Wilson Obte 01/25 /2005 CONFIRMATION NO. ATTORNEY DOCKET NO. FIRST NAMED INVENTOR FILING DATE APPLICATION NO. 7573 S-91,732 Thomas C. Terwilliger 09/512,962 02/25/2000 TITLE OF INVENTION: LIKELIHOOD-BASED MODIFICATION OF EXPERIMENTAL CRYSTAL STRUCTURE ELECTRON DENSITY MAPS DATE DUE PUBLICATION FEE TOTAL FEE(S) DUE ISSUE FEE SMALL ENTITY APPLN, TYPE 04/18/2005 \$#90/1400 s/00/1400 YES nonprovisional CLASS-SUBCLASS ART UNIT EXAMINER 702-027000 1631 MARSCHEL, ARDIN H 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list Ray G. Wilson (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. "Fee Address" indication (or "Fee Address" Indication form PTO/SB47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE The Regents of the University of Los Alamos, New Mexico Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 🚨 Corporation or other private group entity 🚨 Government 4b. Payment of Fee(s): 4a. The following fee(s) are enclosed: A check in the amount of the fee(s) is enclosed. S Issue Fee Payment by credit card. Form PTO-2038 is attached. Publication Fee (No small entity discount permitted) \square The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 2-2150 (enclose an extra copy of this form). Advance Order - # of Copies 5. Change in Entity Status (from status indicated above) b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). a. Applicant claims SMALL ENTITY status, See 37 CFR 1.27. The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Date 01/25/2005 Authorized Signature Registration No. __28.351 Wilson Typed or primed name Ray G. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandra, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patenta, P.O. Box 1450, Alexandra, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 12/04) Approved for use through 04/30/2007.

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

01/26/2005 MGEBREH2 00000095 122150

1400.00 DA 01 FC:1501





Ideas that Change the World

P.O. Box 1663, LC/IP, MS A187 Los Alamos, NM 87545 (505) 667-3766 Fax: (505) 665-4424 FAX TRANSMISSION COVER SHEET

Date: 01/25/2005

To: Mail Stop ISSUE FEE

US Patent and Trademark Office

Fax: (703) 746-4000

From: Ray G. Wilson

LC/IP

Phone: (505) 665-3112 Fax: (505) 665-4424

Re: 09/512,962

S-91,732

Thomas C. Terwilliger

Sender: Sharon Ruminer

YOU SHOULD RECEIVE (2) PAGES, INCLUDING THIS COVER SHEET.
IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL (505) 665-9214.

Comments:

Included in this facsimile transmittal are the following documents for filing in the above-identified patent application:

Issue Fee Transmittal

Fee Payments Authorized: \$1400.00

IF YOU HAVE RECEIVED THIS TELECOPY IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ADDRESS ABOVE VIA THE UNITED STATES POSTAL SERVICES. THANK YOU.

UNCLASSIFIED